

# **Component Procedures: Wiper and Washer Systems**

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# Component Procedures: Wiper and Washer Systems

## General Description (Article 2071114)

### SYSTEM DESCRIPTION

#### Windshield Wiper System

A two-speed windshield wiper

system is standard equipment on this model. An intermittent windshield wiper system is optional. The standard system lets the driver select from two wiper speeds, low or high. The intermittent wiper system adds an intermittent wipe delay feature.

On models equipped with the intermittent wiper system, the intermittent wipe mode delay times are driver adjustable from about one second

to about

fifteen seconds

. The intermittent wipe mode is provided by delay logic and relay control circuitry contained within the intermittent wiper/

washer switch

. The intermittent wipe relay is also contained within the switch.

The windshield wipers will operate only when the ignition switch is in the Accessory or On positions. A fuse located in the fuse block module protects the circuitry of either windshield wiper system. Refer to the owner's manual for more information on the windshield wiper system controls and operation.

#### Windshield Washer System

An electrically operated windshield washer system is standard equipment. A washer reservoir

in the engine compartment holds the washer fluid, which is pressurized by a pump when the windshield washer switch

lever is actuated. The

windshield washer pump

feeds the pressurized washer fluid through the washer system plumbing to the windshield washer nozzle

s.

If the vehicle is equipped with the two-speed wiper system and the wipers are not already turned on when the washers are activated, the

wiper switch

will be turned on to the low speed position automatically. The wipers must be turned off manually following a washer switch activation. If the vehicle is equipped with the intermittent wipe system and the wipers are not turned on when the washers are activated, the wipers will be automatically cycled for one or two wipes, then be turned off.

The washers will operate only when the ignition switch is in the Accessory or On positions. A fuse located in the fuse block module protects the circuitry of the washer system. Refer to the owner's manual for more information on the windshield washer system controls and operation.

#### Rear Wiper And Washer System

A rear wiper and washer system is standard equipment on models equipped with the optional hardtop. The rear wiper system provides the following operating modes:

- Continuous fixed-cycle wipe.

- A rear washer mode.

- A park mode that operates the

wiper motor

until the blade reaches its park position when the

rear wiper switch

is placed in the Off position.

A single switch in the instrument panel accessory switch bezel controls both the rear wiper and washer functions. The rear washer system shares the reservoir of the windshield washer system, but has its own dedicated

washer pump

and plumbing.

The rear

wiper and washer systems

will operate only when the ignition switch is in the On position. A fuse in the fuse block module protects the circuitry of both the rear wiper and washer systems.  
Refer to the owner's manual for more information on the rear wiper and washer system controls and operation.

## Wiring Diagrams (Article 2072229)

Non Standards

- Hard Top (2072244)
- With Intermittent Wiper (2072230)
- Without Intermittent Wiper System (2072231)

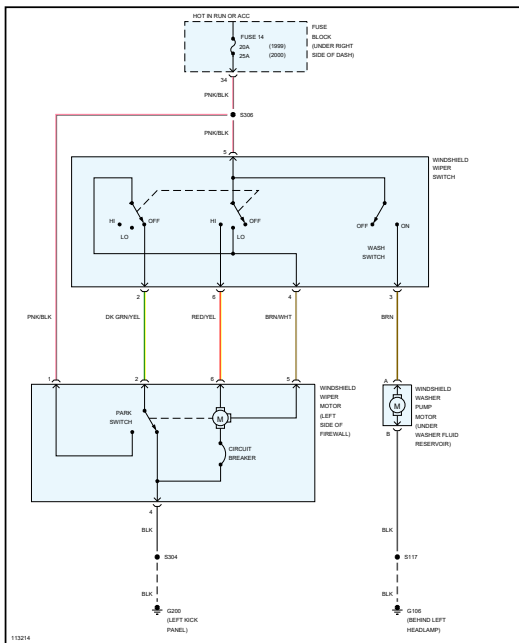
## Wiper/Washer - 2-Speed Wiper/Washer Circuit (Article 10845)

Wiper /Washer - 2-Speed Wiper/Washer Circuit

Interactive Color (Non OE) diagrams for model years 2001 and older use a universal ground location diagram.

Click here for the diagram.

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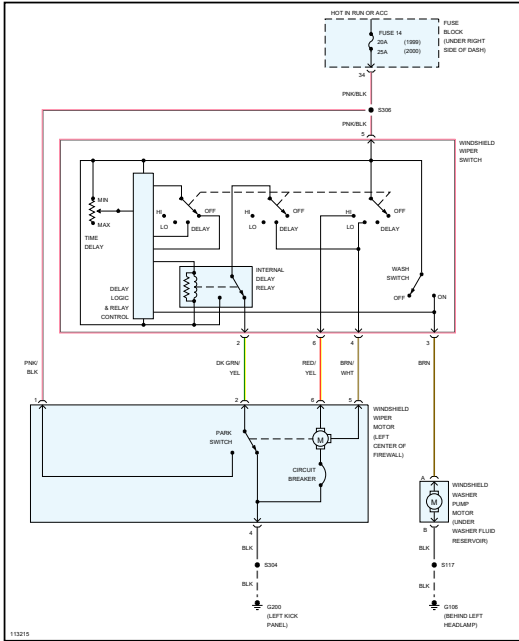
## Wiper/Washer - Intermittent Wiper/Washer Circuit (Article 10819)

Wiper /Washer - Intermittent Wiper/Washer Circuit

Interactive Color (Non OE) diagrams for model years 2001 and older use a universal ground location diagram.

Click here for the diagram.

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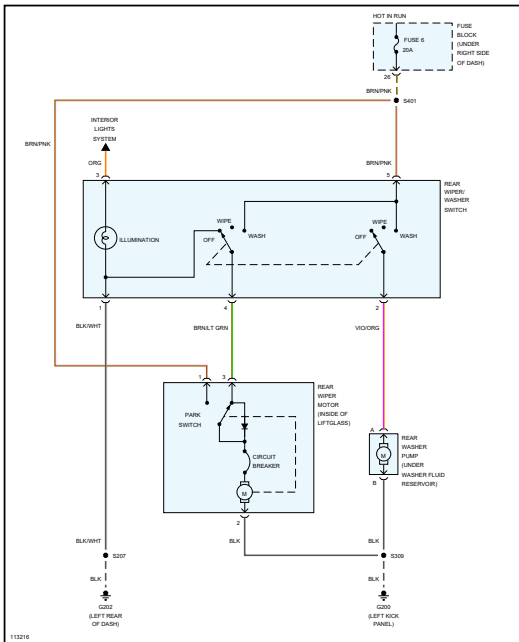


## Wiper/Washer - Rear Wiper/Washer Circuit (Article 10852)

Wiper /Washer - Rear Wiper/Washer Circuit

Interactive Color (Non OE) diagrams for model years 2001 and older use a universal ground location diagram. Click here for the diagram.

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## Technician Safety Information (itype\_15)

**WARNING: ON VEHICLES EQUIPPED WITH AIRBAGS, REFER TO RESTRAINT SYSTEMS / AIRBAG SYSTEMS BEFORE ATTEMPTING A STEERING WHEEL, STEERING COLUMN, OR INSTRUMENT PANEL COMPONENT DIAGNOSIS OR SERVICE. FAILURE TO TAKE THE PROPER PRECAUTIONS COULD RESULT IN ACCIDENTAL AIRBAG DEPLOYMENT AND POSSIBLE PERSONAL INJURY**

## Washer System (Article 2071145)

Non Standards

- Front (2071146)
- Rear (2071147)

## **Wiper System Testing (Article 2071148)**

Non Standards

- Front (2071149)
- Rear (2071152)